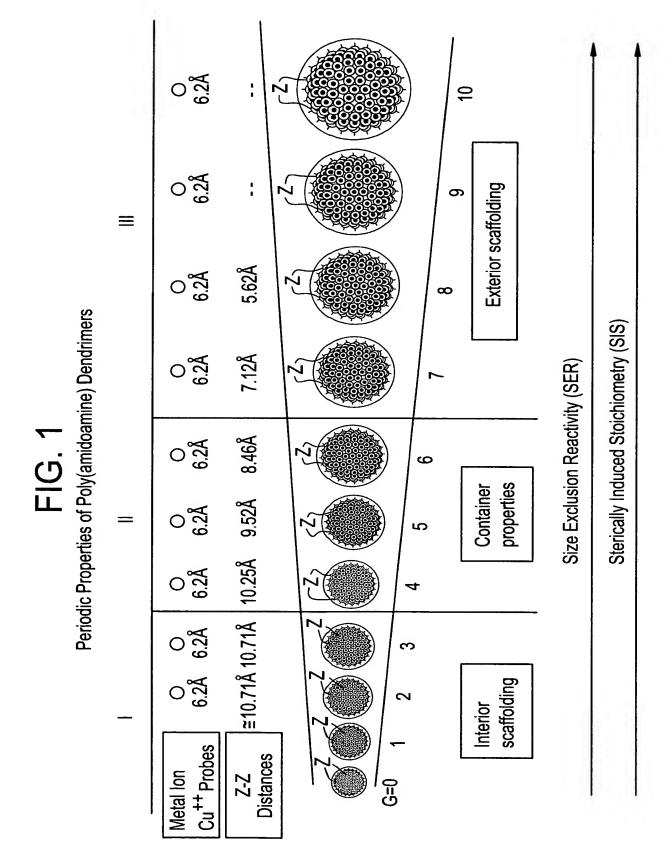
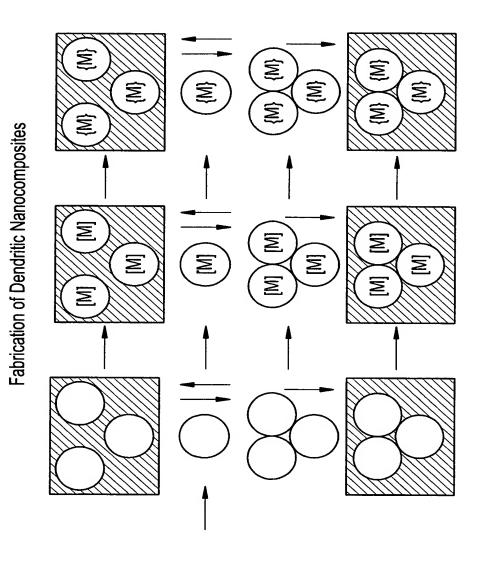
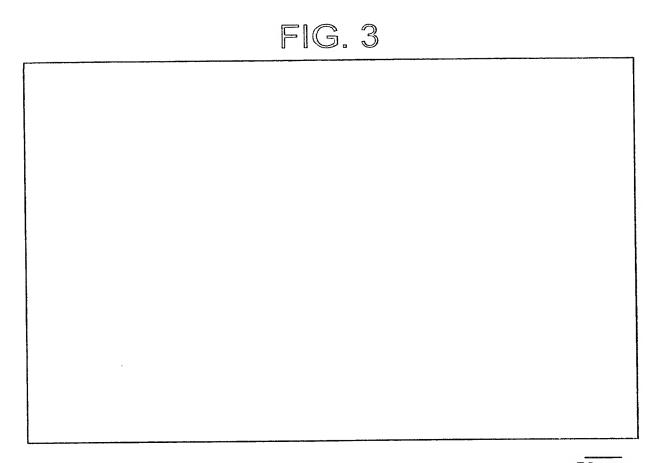
Appl. No.: 09/780,973 Case No.: 60802B Sheet 1 of 16



Title: Nanocomposites of Dendritic Polymers Inven.: Donald A. Tomalia and Lajos Balogh Appl. No.: 09/780,973 Case No.: 60802B Sheet 2 of 16



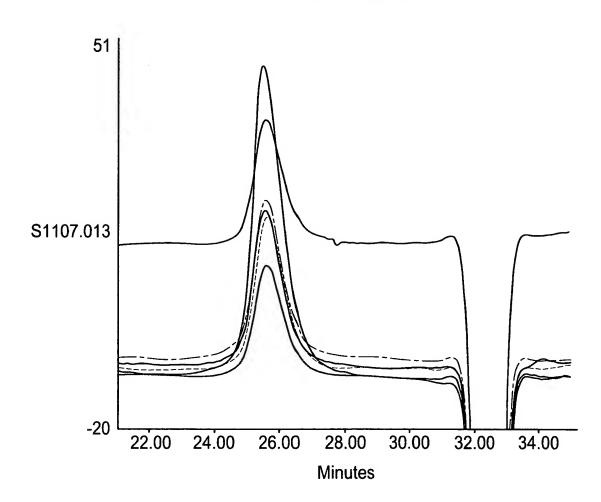
Appl. No.: 09/780,973 Case No.: 60802B Sheet 3 of 16



50 nm

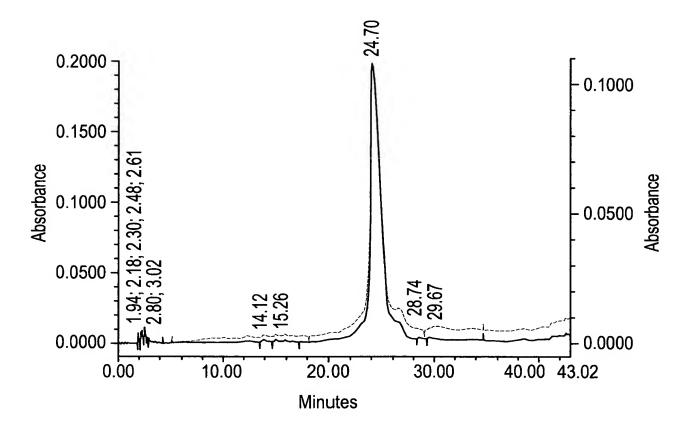
Title: Nanocomposites of Dendritic Polymers Inven.: Donald A. Tomalia and Lajos Balogh Appl. No.: 09/780,973 Case No.: 60802B Sheet 4 of 16

FIG. 3A



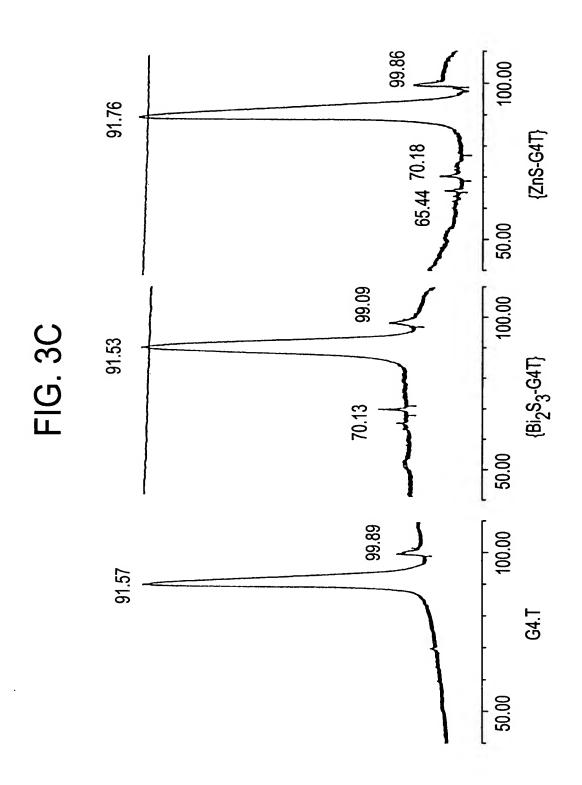
Appl. No.: 09/780,973 Case No.: 60802B Sheet 5 of 16

FIG. 3B



Title: Nanocomposites of Dendritic Polymers Inven.: Donald A. Tomalia and Lajos Balogh Appl. No.: 09/780,973 Case No.: 60802B Sheet 6 of 16





Appl. No.: 09/780,973 Case No.: 60802B Sheet 7 of 16

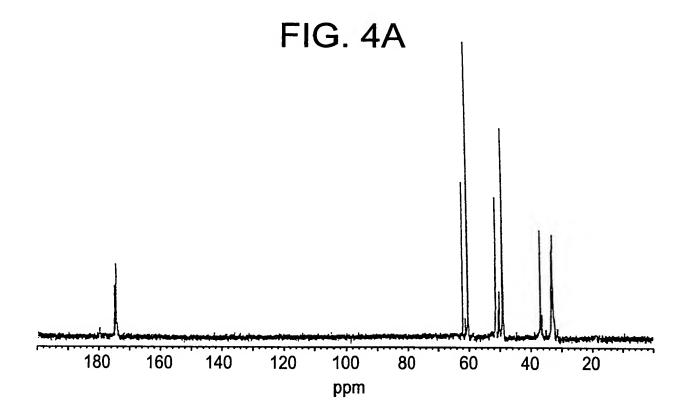
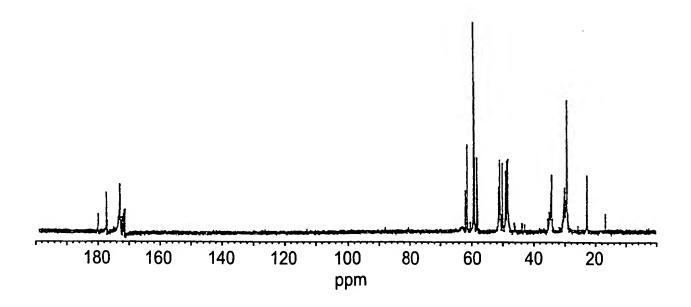


FIG. 4B



Appl. No.: 09/780,973 Case No.: 60802B Sheet 8 of 16

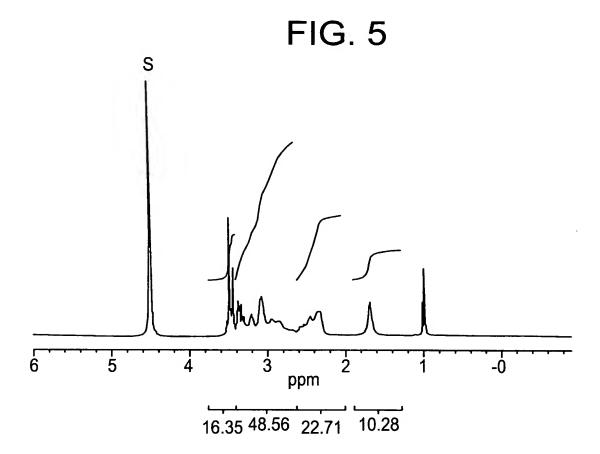
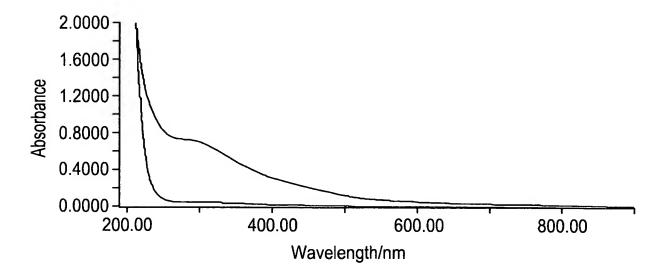


FIG. 6



Appl. No.: 09/780,973 Case No.: 60802B Sheet 9 of 16

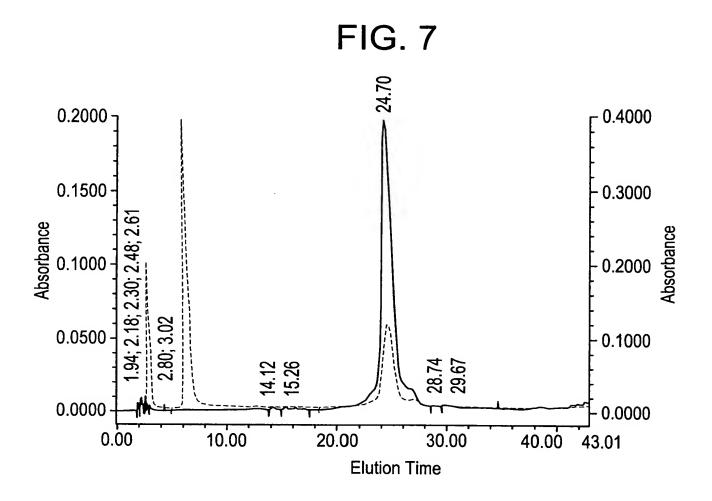
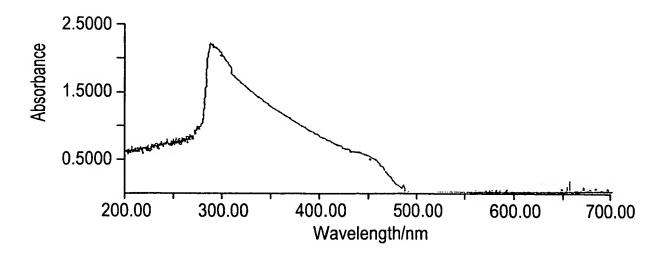


FIG. 8



Appl. No.: 09/780,973 Case No.: 60802B Sheet 10 of 16

FIG. 9

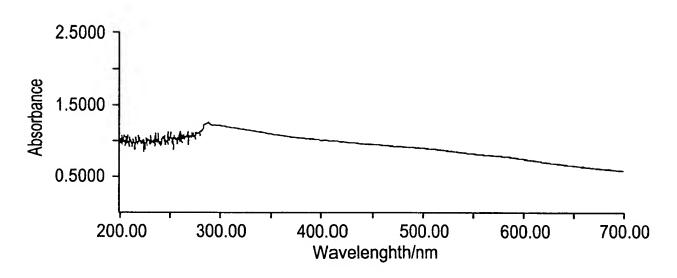
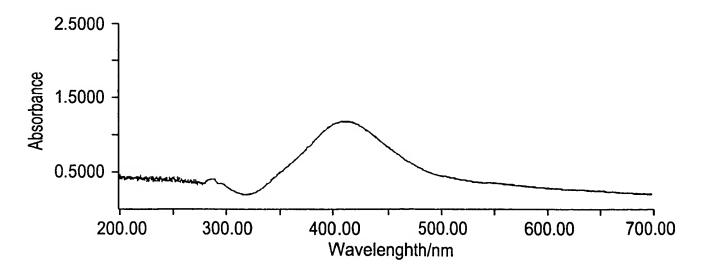


FIG. 10



Appl. No.: 09/780,973 Case No.: 60802B Sheet 11 of 16

FIG. 11

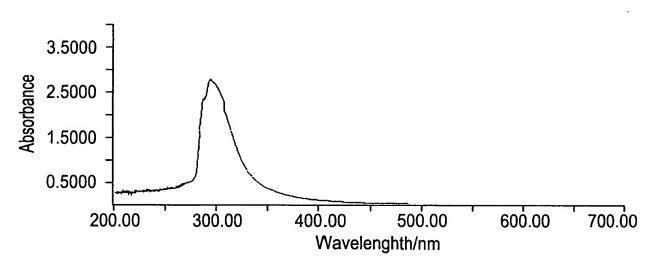
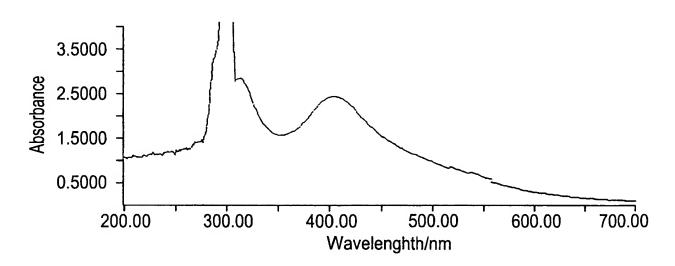


FIG. 12



Appl. No.: 09/780,973 Case No.: 60802B Sheet 12 of 16

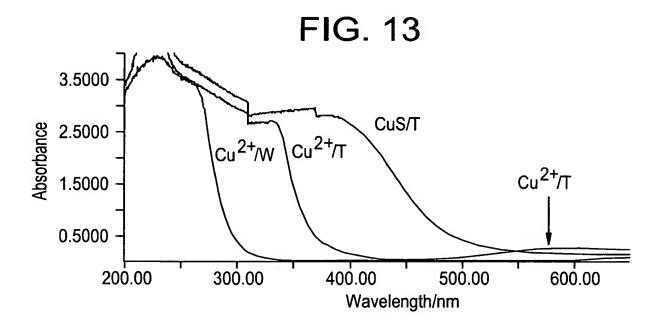
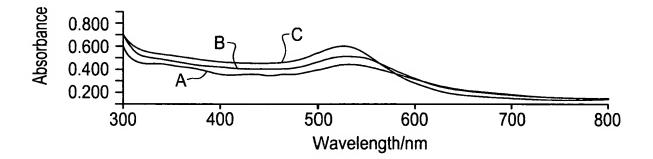
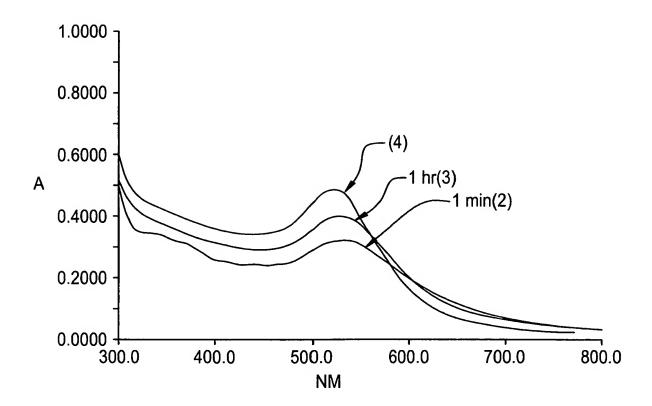


FIG. 14



Appl. No.: 09/780,973 Case No.: 60802B Sheet 13 of 16

FIG. 15



Title: Nanocomposites of Dendritic Polymers Inven.: Donald A. Tomalia and Lajos Balogh Appl. No.: 09/780,973 Case No.: 60802B Sheet 14 of 16

FIG. 16

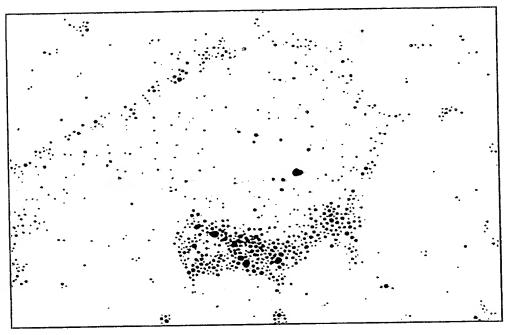
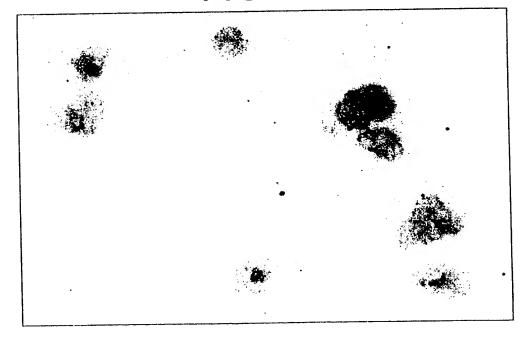


FIG. 17



Appl. No.: 09/780,973 Case No.: 60802B Sheet 15 of 16

FIG. 18

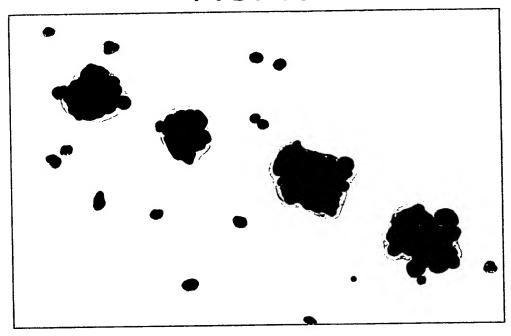
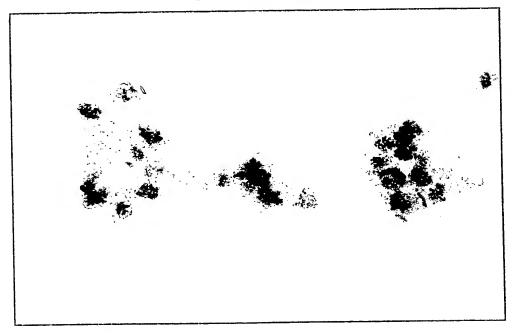


FIG. 19



Appl. No.: 09/780,973 Case No.: 60802B Sheet 16 of 16

FIG. 20

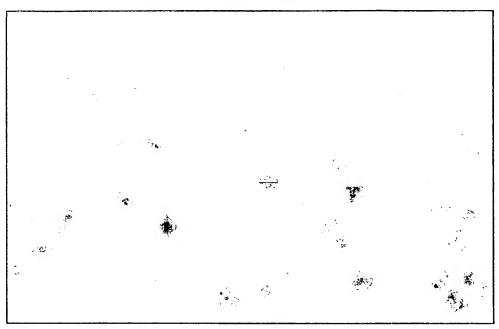


FIG. 21

